

ABSTRACT OF THE INVENTION

Compounds that are useful as components in liquid crystal compositions, particularly in ferroelectric liquid crystal compositions. Compounds of the invention are rod-like molecules with a mesogenic (generally linear) core to which an alkene tail and an alkyl or alkoxy tail with a perfluoroalkyl terminal portion are bonded. Compounds of the invention can contain a variety of one, two or three ring cores, wherein the rings maybe aromatic or alicyclic. Alkenes of the invention are useful as components to improve LC properties of mixtures, for example, to lower melting point of lower freezing point, of LC compositions.